

**Work Order ID 84647****\*84647\***

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May-17-12 12:06:13 PM

Item ID: DSI 9577-011

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Cushion Installation

Start Date: 5/17/12 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 5/17/12 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI 9577	A								

100

0.00

**\*100\***

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP DSI 9577-011 CHG001

8/7/15/17

110

0.00

**\*110\***

Pick Kit

Packaging

Memo

0.00

Packaging

12/5/17

120

0.00

**\*120\***

QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

8/7/15/17

(XC)

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Item ID: DSI 9577-011

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Cushion Installation

Start Date: 5/17/12 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 5/17/12 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
<b>*130*</b>	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP DSI 9577-011								
	Location: _____								
	PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

12/5/17

MLJ 12/05/17  
MLJ 12/03/17

# Picklist Print

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Work Order ID: 84647

Parent Item: DSI 9577-011

Parent Item Name: Cushion Installation

Start Date: 5/17/12

Required Date: 5/17/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 11.11.22 NEW ISSUE DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4404-1 Cushion		Manufactured	No			110	Each	2.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST242A		2							
				75181		2							
D4404-5 Cushion, Fwd		Manufactured	No			110	Each	6.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST242A		6							
				76899		1							
				80753		5							
D4404-7 Cushion, Upper Side		Manufactured	No			110	Each	6.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST242A		6							
				79119		3							
				80754		3							
D4404-9 Cushion, Lower Side		Manufactured	No			110	Each	6.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST		-5							
				79120		3							
				ST242B		11							
				80755		3							

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-794 REV. C OR EARLIER AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-794 REV. 2 OR EARLIER

REF. TCCA STC: SH05-4  
REF. EASA STC: 10031514  
REF. BRAZIL STC: 2002S09-07/-08  
REF. AUSTRALIAN STC: ASR063SY

REFERENCE ONLY

## PURPOSE:

TO PROVIDE INSTRUCTIONS THAT ALLOW INSTALLATION OF D4404-1/-5/-7/-9 NEOPRENE CUSHIONS TO PREVENT THE D4055-041 AUX. FUEL TANK FROM CHAFING IN SERVICE.

## CHANGE:

D350-794-011, D130-794-021, AND D350-794-041 KITS AT CHG 005 OR LATER ARE SUPPLIED TO CUSTOMERS/OPERATORS WITH D4404-1/-5/-7/-9 NEOPRENE CUSHIONS INSTALLED ON D4055-041 AUXILIARY FUEL TANK. CUSTOMERS/OPERATORS WITH D130-794-021 AND D350-794-041 KITS AT CHG 004 AND EARLIER CAN PROCURE DSI-9577-011 KIT FROM DART TO UPGRADE THEIR KITS.

## PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9577-011	CUSHION INSTALLATION
1	D4404-1	CUSHION
1	D4404-5	CUSHION, FWD
1	D4404-7	CUSHION, UPPER SIDE
1	D4404-9	CUSHION, LOWER SIDE

## INSTALLATION:

INSTALL THE D4404-1/-5/-7/-9 CUSHIONS IN ACCORDANCE WITH FIGURE 1 OF THIS SERVICE INSTRUCTIONS AFTER COMPLETING STEP 5.2.8 OF THE ANNUAL/100 HOUR INSPECTION OF ICA-D350-794 BY APPLYING A THIN, UNIFORM LAYER OF CONTACT CEMENT (3M 1300/1301 SCOTCHGRIP ADHESIVE OR EQUIVALENT). TRIM TO FIT IF REQUIRED.

## WEIGHT AND BALANCE:

THE FOLLOWING TABLE LISTS THE NEW WEIGHT AND BALANCE OF THE -011/-021 KITS AT CHG 005 OR LATER OR AFTER DSI-9577-011 KIT HAS BEEN INSTALLED.




INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-794-011 AUXILIARY FUEL TANK (CHG 005) (AS350 MODELS)	32.7 lb 14.8 kg	-22.0 in -0.56 m	-719.4 in-lb -8.29 m-kG	126.0 in 3.20 m	4120.2 in-lb 47.4 m-kG
D130-794-021 AUXILIARY FUEL TANK (CHG 005) (EC130 MODELS)	32.7 lb 14.8 kg	-23.6 in -0.60 m	-771.7 in-lb -8.88 m-kG	126.0 in 3.20 m	4120.2 in-lb 47.4 m-kG

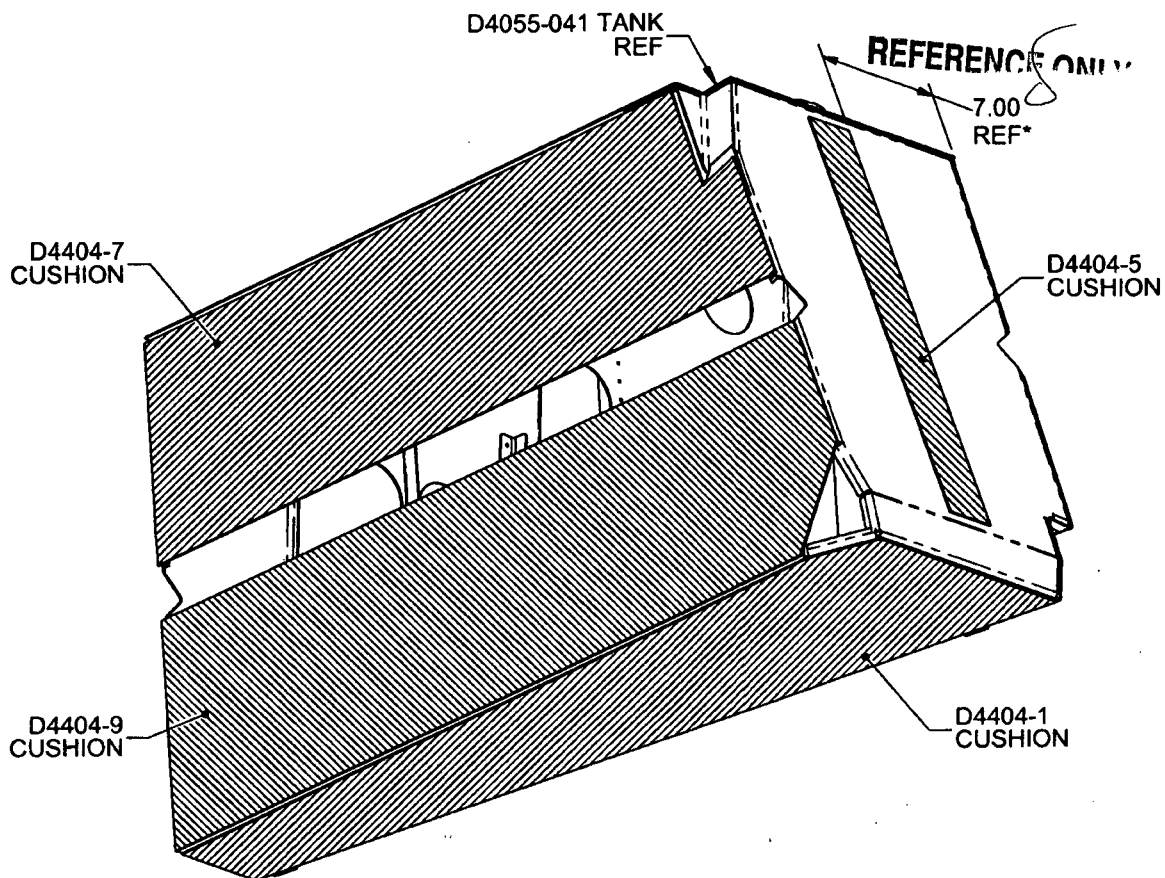
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO #01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 11.10.21  
CERT. NO.: SH05-4  
ISSUE NO.: 2

A	NEW ISSUE	MB	11.10.04
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	N/A	DRAWING NO.	REV. A
MFG. APPR.		DSI 9577	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		CUSHION INSTALLATION	NTS
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\*: ALIGN D4404-5 WITH FORWARD RESTRAINT BEAM (EXISTING ON AS350, D4005-3 ON EC130)

**FIGURE 1 - CUSHION INSTALLATION**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 11.10.21  
CERT. NO.: SH05-4  
ISSUE NO.: 2

DESIGN	<i>[Signature]</i>	<b>DART AEROSPACE LTD</b>	
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MFG. APPR.	N/A	<b>DSI 9577</b>	SHEET 2 OF 2
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